Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application.

LISTING OF CLAIMS:

1.   (Previously Presented) A location reporting method, comprising the steps of:

receiving at a mobile communication terminal, from a computer through a mobile communication network, down data containing a request for location information;

identifying, with said mobile communication terminal, a description format for said requested location information;

acquiring at said mobile communication terminal location information indicating a location of said mobile communication terminal;

adding, at said mobile communication terminal, said acquired location information to said down data in accordance with said description format; and

transmitting a resulting data to said computer as up data.

2.   (Previously Presented) A location reporting method as described in Claim 1,

wherein said steps performed by said mobile communication terminal further include the step of: detecting whether said down data contains a character string requesting location information acquisition time, and if said character string requesting location information acquisition time is detected then;

wherein, said acquiring step further includes acquiring said acquisition time of said location information; and

wherein, said adding step further includes adding said acquired location information acquisition time before transmission.

3.   (Previously Presented) A location reporting method as described in Claim 1, wherein said steps performed by said mobile communication terminal further include the steps of: detecting whether said down data contains a character string requesting information on a state of a user, and if said character string requesting information on a state of a user is detected, then; determining a state of a user of said mobile communication terminal from said acquired location information; and

wherein, said adding step further includes adding said information on said determined state of said user before transmission.

4.   (Previously Presented) A location reporting method as described in Claim 1, wherein said steps performed by said mobile communication terminal further include the steps of: detecting whether said down data contains a character string requesting information on a state of a user and if said a character string requesting information on a state of a user is detected then; prompting a user of said mobile communication terminal to select a state; and

wherein, said adding step further includes adding said information on said selected state of said user before transmission.

5.   (Previously Presented) A location reporting method as described in one of Claims 1 - 4, wherein, said adding step includes substituting acquired information for said character string contained in said down data and said transmitting step includes transmitting, to said computer, said down data that includes said substituted acquired information as said up data.

6.   (Previously Presented) A location reporting method as described in one of Claims 1 - 4, wherein, said down data contains information indicating an address to which location information is to be transmitted.

7.   (Original) A location reporting method as described in Claim 1,

wherein said down data contains a plurality of addresses;

wherein, said steps performed by said mobile communication terminal include the step of: obtaining said plurality of the addresses from said down data; and

wherein, said transmitting step includes transmitting said resulting data to said plurality of the addresses in succession.

8.   (Previously Presented) A location reporting method as described in Claim 1, wherein,

after said down data is received, said location information is acquired and transmitted at predetermined intervals.

9.   (Previously Presented) A location reporting method as described in Claim 8, wherein,

said transmitting step includes transmitting said location information acquired at said predetermined intervals during the period from a time point to another time point designated by said down data.

10.   (Previously Presented) A location reporting method as described in Claim 8, wherein,

said transmitting step includes, accumulating said location information acquired at said predetermined intervals, transmitting said accumulated location information acquired at said predetermined intervals at a time point designated by said down data.

11.   (Previously Presented) A location reporting method as described in Claim 1, wherein,

said acquiring step includes generating, by said mobile communication terminal, the location of said mobile communication terminal using a global positioning system.

12.   (Previously Presented) A location reporting method as described in Claim 1, wherein,

said acquiring step includes the steps of:

transmitting, by said mobile communication terminal, a request signal requesting a predetermined node of said mobile communication network to generate the location information;

generating, by said predetermined node, the location information of said mobile communication terminal in response to said request signal and transmitting said location information to said terminal; and

receiving, by said mobile communication terminal, the location information transmitted from said predetermined node.

13.   (Previously Presented) A location reporting method as described in Claim 12, further comprising the step of: receiving, by said mobile communication terminal, radio waves transmitted from a plurality of satellites constituting a global positioning system;

wherein, said step of transmitting said request signal includes transmitting information contained in a plurality of said received radio waves, together with said request signal; and

wherein, said step of generating said location information includes generating said location information using said information contained in said plurality of said received radio waves.

14.   (Previously Presented) A location reporting method as described in Claim 1,

wherein, disclosure information indicating whether said location information is to be disclosed to a computer is stored, in advance, in a predetermined storage means; and

wherein, said adding step includes adding, in the case of receiving down data from said computer to which said location information is to be disclosed, said acquired location information to said down data and transmitting said resulting data to said computer as up data.

15.   (Previously Presented) A location reporting method as described in Claim 14,

wherein, said transmitting step includes transmitting, in the case of receiving down data from a computer to which the location information is not to be disclosed, a notice of rejection of the provision of the location information to said computer.

16.   (Previously Presented) A location reporting method as described in Claim 1,

wherein, said down data contains information designating a method of location measurement;

wherein, said mobile communication terminal is configured to acquire location information by any of a plurality of different location measuring methods and said acquiring step includes the step of selecting a location measuring method designated by said down data from among said plurality of said location measuring methods; and

wherein, said transmitting step includes transmitting, as part of said up data, said location information acquired by said selected location measuring method in said acquiring step.

17.   (Original) A location reporting method as described in Claim 16,

wherein, said down data contains data designating a quality condition of location information; and

wherein, said step of selecting a location measuring method includes selecting a location measuring method based on said designated quality condition.

18.   (Previously Presented) A location reporting method as described in Claim 16, wherein,

said plurality of location measuring methods include any one of a method of using a global positioning system and, a method of identifying a base station covering a range in which said mobile communication terminal is located.

19.   (Original) A location reporting method as described in Claim 16,

wherein, said location information contains:

latitude and longitude; or

information based on an administrative classification.

20.   (Previously Presented) A location reporting method as described in Claim 1,

wherein, said computer is an information providing server configured to provide said mobile communication terminal with location-related information related to said location of said mobile communication terminal.

21.   (Previously Presented) A location reporting method as described in Claim 1, wherein, said computer is a terminal connected to a network that is capable of transmitting and receiving data by radio or wire.

22.   (Original) A location reporting method as described in Claim 1, wherein, said mobile communication terminal is a portable telephone for performing phone conversations by radio.

23.   (Previously Presented) A location reporting method for reporting, to a predetermined computer, location information of a mobile communication terminal acquired in a mobile communication network serving the mobile communication terminal which is capable of performing radio communication, comprising the steps of:

acquiring by said mobile communication terminal location information indicating said location of said mobile communication terminal for use by a destination mobile communication terminal;

said mobile communication terminal retrieving from memory a pre-stored network address indicative of a server that provides map location information that is accessible by said destination mobile communication terminal in conjunction with said location information; and

transmitting, by said mobile communication terminal, said pre-stored network address for receipt by said destination mobile communication terminal after adding said acquired location information to said pre-stored network address.

24.   (Previously Presented) A location reporting method as described in Claim 23,

wherein, said acquiring step includes generating by said mobile communication terminal the location of said mobile communication terminal using a global positioning system.

25.   (Original) A location reporting method as described in Claim 23,

wherein, said computer is a terminal connected to a network and capable of transmitting and receiving data by radio or wire.

26.   (Original) A location reporting method as described in Claim 23,

wherein, said mobile communication terminal is a portable telephone for performing phone conversations by radio.

27.   (Currently Amended) A mobile communication terminal, comprising:

communication means for receiving through a mobile communication network down data containing a request for location information from a computer; and

~~processing means for identifying~~ a processor configured to identify a description format for said requested location information;

said ~~processing means~~ processor further configured to acquire location information indicating a location of said mobile communication terminal;

wherein said ~~processing means~~ processor is further configured to add said acquired location information to said received down data in accordance with said description format,

wherein said communication means is further configured to transmit said down data that includes added information as up data to said computer.

28.   (Currently Amended) A mobile communication terminal as described in Claim 27,

wherein said ~~processing means~~ processor is further configured to detect whether said down data contains a character string that is a request for a location information acquisition time, and if said character string that is a request for a location information acquisition time is detected, then;

wherein, said ~~processing means~~ processor is further configured to acquire said location information acquisition time; and

wherein, said communication means is further configured to add said acquired location information acquisition time to said down data before transmission of said up data.

29.   (Currently Amended) A mobile communication terminal as described in Claim 27,

wherein said ~~processing means~~ processor is configured to detect whether said down data contains a character string that is a request for information on a state of a user, and if said character string that is a request for information on a state of a user is detected, then

said ~~processing means~~ processor is further configured to determine a state of a user of said mobile communication terminal from said acquired location information; and

wherein, said communication means is further configured to add said information on said determined state of said user to said up data before transmission.

30.   (Currently Amended) A mobile communication terminal as described in Claim 27,

wherein said ~~processing means~~ processor is further configured to detect whether said down data contains a character string that is a request for information on a state of a user, and if said character string that is a request for information on a state of a user is detected, then;

means for prompting a user of said mobile communication terminal to select his/her own state is enabled; and

wherein, said communication means is further configured to add information on said selected state of said user to said up data before transmission.

31.   (Previously Presented) A mobile communication terminal as described in one of Claims 27 - 30, wherein, said communication means is further configured to substitute acquired information for a predetermined character string contained in said down data and transmit said acquired information to said computer as said up data.

32.   (Currently Amended) A mobile communication terminal as described in Claim 27,

wherein said ~~processing means~~ processor is further configured to detect whether said down data contains a plurality of addresses; and

wherein said ~~processing means~~ processor is configured to obtain said plurality of the addresses from said down data; and

wherein, said communication means is further configured to transmit said up data to each of said plurality of addresses in succession.

33.   (Previously Presented) A mobile communication terminal as described in Claim 27, wherein,

after receiving said down data, said location information is acquired at predetermined intervals before transmission.

34.   (Previously Presented) A mobile communication terminal as described in Claim 33, wherein,

said communication means is further configured to transmit said location information acquired at said predetermined intervals during the period from a time point to another time point designated by said down data.

35.   (Previously Presented) A mobile communication terminal as described in Claim 33, wherein,

said communication means is further configured to accumulate said location information acquired at said predetermined intervals before transmitting said location information at a time point designated by said down data.

36.   (Currently Amended) A mobile communication terminal as described in Claim 27, wherein,

said ~~processing means~~ processor is further configured to generate a location of said mobile communication terminal using a global positioning system.

37.   (Currently Amended) A mobile communication terminal as described in Claim 27, wherein,

said ~~processing means~~ processor is further configured to direct transmission of a request signal requesting a predetermined node of said mobile communication network to generate said location information; and

and direct receipt of said location information transmitted, in response to said request signal, from said predetermined node.

38.   (Currently Amended) A mobile communication terminal as described in Claim 37, further comprising:

means for receiving radio waves transmitted from a plurality of satellites constituting a global positioning system,

wherein, said ~~processing means~~ processor is further configured to direct transmission of information contained in said plurality of received radio waves, together with said request signal.

39.   (Currently Amended) A mobile communication terminal as described in Claim 27, wherein,

said ~~processing means~~ processor is capable of acquiring location information by a plurality of different location measuring methods, and said down data contains information designating a location measuring method;

wherein, said ~~processing means~~ processor is further configured to select a location measuring method designated by said down data, from among said plurality of different location measuring methods; and wherein, said communication

means is further configured to transmit, carried on said up data, location information acquired by said ~~processing means~~ <u>processor</u> according to said selected location measuring method.

40.   (Currently Amended) A mobile communication terminal as described in Claim 39, wherein

said down data contains data designating a quality condition of location information; and

wherein, said ~~processing means~~ <u>processor</u> is further configured to select a location measuring method based on said designated quality condition.

41.   (Currently Amended) A mobile communication terminal as described in Claim 39, wherein,

said ~~processing means~~ <u>processor</u> is configured to direct a location measuring method that includes either one of

using a global positioning system, or

identifying a base station covering an area in which said mobile communication terminal is located.

42.   (Original) A mobile communication terminal as described in Claim 39, wherein

said location information contains:

latitude and longitude; or

information based on an administrative classification.

43.   (Previously Presented) A mobile communication terminal as described in Claim 27, further comprising:

storage means for storing disclosure information indicating whether said computer is a computer to which said location information is to be disclosed,

wherein, said communication means is further configured, in a case of receiving down data from said computer to which said location information is to be disclosed, to add said acquired location information to said received data before transmission to said computer as up data.

44. (Previously Presented) A mobile communication terminal as described in Claim 43, wherein,

said communication means is further configured to transmit, in a case of receiving down data from a computer to which said location information is not to be disclosed, a notice for rejecting provision of said location information.

45. (Previously Presented) A mobile communication terminal as described in Claim 27, wherein

said mobile communication terminal is a portable telephone configured to perform phone conversations by radio waves.

46. (Previously Presented) A mobile communication terminal served by a mobile communication network and reporting location information of itself to a predetermined computer, comprising:

acquiring means for acquiring location information indicating a location of said mobile communication terminal, for use by an arbitrary terminal; and

transmitting means for adding said acquired location information to a network address of a server configured to supply map information based on said location information, said map information displayable by said arbitrary terminal,

wherein said transmitting means is configured to transmit said address and said location information for receipt by said arbitrary terminal to allow a present location of said mobile communication terminal to be mapped by said arbitrary terminal using said location information and said network address to obtain map information.

47.   (Previously Presented) A mobile communication terminal as described in Claim 46, wherein, said acquiring means generates said location of said mobile communication terminal using a global positioning system.

48.   (Original) A mobile communication terminal as described in Claim 46, wherein, said mobile communication terminal is a portable telephone for performing phone conversations by radio.

49.   (Previously Presented) A mobile communication terminal, comprising:

        a radio unit configured to receive wirelessly transmitted down data that includes a request for a current location of said mobile communication terminal;

        a microcomputer configured to direct acquisition of location information indicative of a current location of said mobile communication terminal in response to existence of said request;

        wherein said microcomputer is configured to replace a portion of said received down data with said acquired location information; and

        wherein, after replacement with said location information, said radio unit is configured to wirelessly transmit a resulting data as up data in response to said request.

50.   (Previously Presented) The mobile communication terminal of claim 49, wherein said down data includes a predetermined datastring that is said request for location information, said microcomputer configured to replace said predetermined data string with said location information.

51.   (Previously Presented) The mobile communication terminal of claim 49, wherein said down data includes a request in a form of a predetermined data string

that is a request for a state of a user, wherein said state comprises a selectable status indication of a user.

52.   (Previously Presented) The mobile communication terminal of claim 51, wherein said selectable status indication is determinable by said microcomputer.

53.   (Previously Presented) The mobile communication terminal of claim 51, wherein said selectable status indication is manually selectable by a user of said mobile communication terminal.

54.   (Previously Presented) The mobile communication terminal of claim 51, wherein said selectable status indication comprises at least one of at home, moving in a car, moving on a train, or in a meeting.

55.   (Previously Presented) The mobile communication terminal of claim 49, wherein said microcomputer is further configured to determine, prior to transmission of said location information, whether a source of said down data is authorized to receive said location information.

56.   (Previously Presented) The mobile communication terminal of claim 49, further comprising an information display unit configured to display a menu that includes selectable menu items in response to receipt of said down data, wherein at least some of said menu items include a datastring that is a request for location information.

57.   (Previously Presented) The mobile communication terminal of claim 49, wherein said down data includes a plurality of destination addresses and said up data is transmittable in succession to each of said destination addresses.

58.   (Previously Presented) The mobile communication terminal of claim 49, wherein said microcomputer is configured to direct acquisition of location information at predetermined time intervals, and said radio unit is configured to transmit said up data each time said location information is acquired until a time specified in said down data is reached.

59.   (Previously Presented) The mobile communication terminal of claim 49, wherein said radio unit is configured to transmit said up data at a time specified in said down data.

60.   (Previously Presented) The mobile communication terminal of claim 49, wherein said down data includes information designating a location information measurement method, wherein said microcomputer is configured direct acquisition of location information with said designated location information measurement method.

61.   (Previously Presented) A location reporting method as described in Claim 5, wherein said receiving step includes:
    displaying menu items in a menu window of said mobile communication terminal based on said down data;
    receiving an input operation with said mobile communication terminal to select one of said menu items; and
    determining whether said predetermined character string is embedded in said selected one of said menu items.

62.   (Previously Presented) A mobile communication terminal as described in Claim 31, further comprising:
    means for displaying a menu window that includes menu items based on said down data;

means for accepting selection of one of said menu items; and

means for determining if said predetermined character string is embedded in said selected one of said menu items.

63.   (Previously Presented) A location reporting method as described in Claim 1, wherein identifying, with said mobile communication terminal, a description format comprises accessing a format information file provided by said computer to identify said description format.

64.   (Currently Amended) A mobile communication terminal as described in Claim 27, wherein said ~~processing means~~ <u>processor</u> is further configured to access a format information file provided by said computer to identify said description format.